

Polyester blended fiber and method for producing texture fabric thereof**Publication number:** TW430701 (B)**Publication date:** 2001-04-21**Inventor(s):** JIAN R-CHUEN [TW]**Applicant(s):** NANYA PLASTICS CORP [TW]**Classification:****- International:** D01F6/62; D02G1/02; D01F6/62; D02G1/02; (IPC1-7): D01F6/62; D02G1/02**- European:****Application number:** TW19980110299 19980625**Priority number(s):** TW19980110299 19980625**Abstract of TW 430701 (B)**

The present invention relates to a polyester blended fiber and a method for producing a texture fabric thereof. The method comprises separately melting polyester polymers having a different dissolving rate to an alkaline solution; adjusting the mixing ratio and blending and spinning the mixture through different blending factors to produce a filament cake with a monofilament having a cross section as shown in Fig. 1; producing a flat yarn or a texture yarn through an extension twisting, a false twisting or through a direct filament elongation. The flat yarn or texture yarn, after weaving, is reduced by an alkaline solution during dyeing thereby obtaining a fabric having a versatile cross-section and a monofilament with a denier range of 0.02-1.2 d and an average denier of about 0.2 d.

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